REMARKS/ARGUMENTS

Favorable reconsideration of this application as presently amended and in light of the following discussion is respectfully requested.

Claims 1, 3-8, and 10-14 are currently pending in this case; Claims 2 and 9 canceled, and Claims 1, 3, 4, 7, 8, 10, 11, and 14 amended by way the present amendment.

In the outstanding Office Action the drawings were objected to; Claims 1-2, 5-9, and 12-14 were rejected under 35 U.S.C. § 102(e) as being anticipated by Krasner (U.S. Patent No. 6,064,336). Claims 3-4 and 10-11 were objected to as being dependent upon a rejected base claim, but were otherwise indicated as being allowable if rewritten in independent form.

Applicants acknowledge with appreciation the indication of allowable subject matter. However, since Applicants consider that independent Claims 1 and 8, in their amended form, patentably define over the prior art, the remaining independent claims have presently been maintained in their dependent form. Claims 1 and 8 have been amended to incorporate the subject matter of Claims 2 and 9 respectively, now cancelled.

The drawings have been corrected as requested, as such the objections to the drawings are believed to have been overcome.

Applicants respectfully submit that amended Claims 1 and 8 state novel features not clearly taught or rendered obvious by the prior art of record. One such feature recited in both Claims 1 and 8 is "acquiring high precision time information" from a standard wave and using that timing information to perform a "positioning arithmetic operation using the high precision time information *in place of* time information sent from said GPS satellite." (emphasis added)

Krasner fails to disclose any such limitations. Krasner's device uses a frequency reference obtained from an outside (standard wave) signal to provide a correction signal to adjust the clock signal at the local oscillator so that the GPS receiver can better acquire GPS

satellite signals. However, Krasner does not disclose obtaining any timing information from the standard wave signal, only receiving frequency references from the standard wave signal. Furthermore, Krasner fails to discuss the use of any timing information that was not received from a GPS satellite. Specifically in column 9, lines 18-44, Krasner discloses how the received GPS signals are received and processed to determine the "timing of the received waveform." Thus, Krasner's method of correcting the local oscillator frequency does not address the step of acquiring high precision time information from a standard wave and using the time information, in place of timing information received from a GPS satellite, for a positioning arithmetic operation.

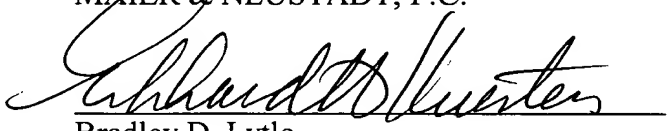
The rejection also states that the GPS mobile unit inherently performs positioning arithmetic operation as most GPS receivers normally do. However, the rejection fails to provide support for the use of precision time information, not acquired from the GPS satellite, to perform these operations as recited in amended Claims 1 and 8.

From the above description of the prior art, it is seen the deficiencies of the prior art are manifest and clearly do not teach or obviate the features of the claimed invention above-noted. Furthermore, such features certainly are not inherent in the prior art GPS device. On that basis, it is respectfully submitted that the pending claims, including rejected Claims 1, 5-8 and 12-14, patentably define over the art of record.

Accordingly, withdrawal of the grounds for rejection is believed to be in order and is respectfully requested. An early and favorable action to that effect is earnestly solicited.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.



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IN THE DRAWINGS

The attached sheet of drawings includes changes to Figures 13A, 13B, 13C, 13D, 13E, and 14. These sheets, which include Figures 13A, 13B, 13C, 13D, 13E, and 14, replace the original sheet including Figures 13A, 13B, 13C, 13D, 13E, and 14.

Attachment: Replacement Sheets

Docket No.: 202709US6

#8 2/2/04

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION: Koji HASEGAWA, et al.

SERIAL NO.: 09/685,412 GAU: 2631

FILED: October 10, 2000 EXAMINER: Tran, Khai

FOR: GPS POSITIONING METHOD AND GPS RECEPTION APPARATUS

LETTER SUBMITTING REPLACEMENT DRAWING SHEET(S)

COMMISSIONER FOR PATENTS
Alexandria, VA 22313

SIR:

Responsive to the below indicated communication, the following drawing sheets are submitted herewith:

■ 2 Replacement Drawing Sheets ☐ _____ New Drawing Sheets

☒ Official Action dated November 18, 2003

☐ Notice of Allowance/Issue Fee dated _____

☐ Other dated _____

The changes and/or modifications made include the following:

Including "Prior Art" to figures 13A-13E and 14 as required by the Examiner.

Respectfully submitted,

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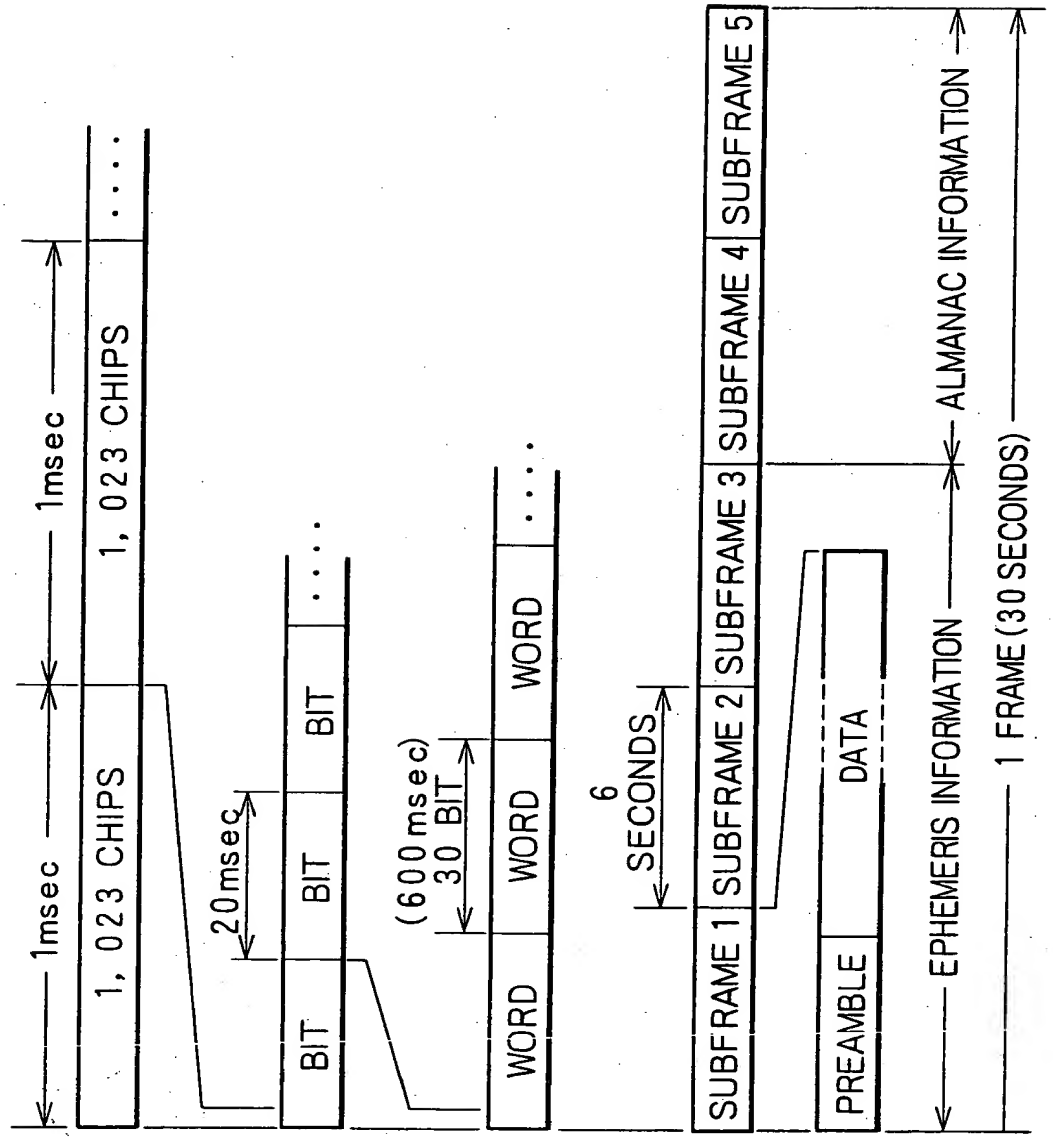

FIG. 13A
PRIOR ART

FIG. 13B
PRIOR ART

FIG. 13C
PRIOR ART

FIG. 13D
PRIOR ART

FIG. 13E
PRIOR ART

OBLON, SPIVAK, et al
Docket No: 202709US6
Inventor: Koji HASEGAWA, et al.
Serial No: 09/685,412
Reply to OA dated: 11/18/03
Replacement Sheets

FIG. 14

PRIOR ART